

Product datasheet for **TP723860**

Pf4 (NM_019932) Mouse Recombinant Protein

Product data:

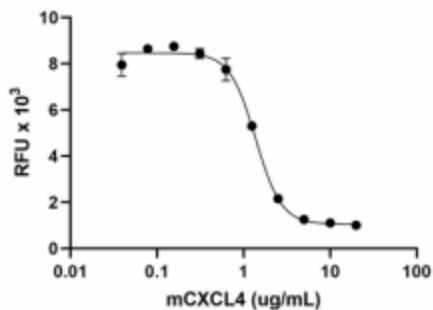
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse platelet factor 4 (Pf4 / PF-4)
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Mouse CXCL4, the region of Val30-Ser105, from gene Accession# NM_019932
Tag:	Tag Free
Predicted MW:	8.2 kDa
Concentration:	lot specific
Purity:	>98%, as determined by Coomassie stained SDS-PAGE
Buffer:	1 x PBS
Bioactivity:	Mouse CXCL4 inhibits the proliferation of HUVEC cells induced by recombinant human FGF-basic (Cat. No. TP723719). The ED50 for this effect is 0.8 – 4 µg/mL.
Endotoxin:	Less than 0.01 ng per µg protein as determined by the LAL method
Storage:	Store at -80°C.
Stability:	Unopened vial can be stored between 2°C and 8°C for up to 2 weeks, at -20°C for up to 6 months, or at -70°C or below until the expiration date. Aliquots can be stored between 2°C and 8°C for up to one week and stored at -20°C or colder for up to 3 months. Avoid repeated freeze/thaw cycles.
RefSeq:	NP_064316
Locus ID:	56744
UniProt ID:	Q9Z126 , Q3TVN6 , Q6P8R3
RefSeq Size:	525
Cytogenetics:	5 E1
RefSeq ORF:	315
Synonyms:	Cxcl4; Scyb4



[View online »](#)

Summary:

Released during platelet aggregation. Neutralizes the anticoagulant effect of heparin because it binds more strongly to heparin than to the chondroitin-4-sulfate chains of the carrier molecule. Chemotactic for neutrophils and monocytes. Inhibits endothelial cell proliferation (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:

Mouse CXCL4 inhibits the proliferation of HUVEC cells induced by recombinant human FGF-basic (Cat. No. [TP723719]). The ED50 for this effect is 0.8 - 4 µg/mL.